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J Xu, G Pickrell, X Wang, W Peng, K Cooper, A Wang - IEEE Photonics Technology Letters, 2005 - ieeexplore.ieee.org

... only the **diaphragm** thickness or the **ferrule** pit diameter ... 1. The length of the**Fabry-Pérot** (FP) cavity (air gap ... decrease with deflection of the **diaphragm** as a ...Cited by 1 - Web Search**Miniature fiber-optic multicavity Fabry-Perot interferometric biosensor**

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... Metal iaphragm Fig.2 Sensor head. Extrinsic **Fabry-Perot** interferometeris ...
fiberandreflective **diaphragm**.Li:housing length,Ls: flange length,Lz:**ferrule** length. ...Web Search - [pdf.aiaa.org](#)**Study On a Novel Optical Fiber Pressure Sensor**

G Wang, V Fu, ME Welland, HP Hodson, J Ma - Electronic Packaging Technology Proceedings, 2003. ICEPT2003 ..., 2003 - ieeexplore.ieee.org

... end face and inner **diaphragm** face, the **Fabry-Perot** spacing, is ... end face is close the hole of the **diaphragm**. ... mode **fiber** with a connector **ferrule** inserted into ...Web Search - [ieeexplore.ieee.org](#)**Development of Novel Optical Fiber Interferometric Sensors with High Sensitivity for Acoustic ...**

J Deng - 2004 - scholar.lib.vt.edu

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N Furstenau, H Horack, W Schmidt - IEEE Transactions on Instrumentation and Measurement, 1998 - ieeexplore.ieee.org

... A loudspeaker **membrane** of 4 cm diameter is ... mirrors via tilting of the **ferrule** [tilt angle ... FURSTENAU et al.: EXTRINSIC FABRY-PEROT INTERFEROMETER FIBER-OPTIC ...
 Cited by 7 - Web Search - ieeexplore.ieee.org

Extrinsic Fabry-Perot interferometer vibration and acoustic sensor systems for airport ground ...

N Fuerstenau, M Schmidt, H Horack, W Goetze, W ... - IEE Proceedings Optoelectronics, 1997 - ieeexplore.ieee.org
 ... The theoretical background of the extrinsic **Fabry— Perot** interferometer (EFPI) sensors is derived, and results of laboratory experiments as well as initial ...
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Continuously tunable photopumped 1.3- m fiber Fabry-Perot surface-emitting lasers

K Hsu, CM Miller, D Babic, D Houng, A Taylor - IEEE Photon. Technol. Lett., 1998 - ieeexplore.ieee.org
 ... bonded onto metal **ferrule** submounts to ... D. Marcuse, "Ultrahigh finesse **fiber** **Fabry-Perot** interferometers ... a micromachined deformable-**membrane** mirror," Appl ...
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Micromechanical fiber-optic attenuator with 3 s response

JE Ford, JA Walker, DS Greywall, KW Goossen - J. Lightwave Technol., 1998 - ieeexplore.ieee.org
 ... treating the mod- ulator as a **Fabry-Perot** etalon with ... the original position (from the **membrane** tension force ... 7. (a) Dual **fiber ferrule** and assembly of **ferrule** ...
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Y Zhang - 2005 - scholar.lib.vt.edu
 ... Keywords: **Fabry-Perot** interferometry, **Fiber** optic biosensor, Polyelectrolyte self-assembly, Temperature compensation ©Copyright 2005, Yan Zhang Page 2. ...
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Extrinsic Fabry-Perot Interferometer Fiber

N Furstenau, H Horack, W Schmidt - ieeexplore.ieee.org
 ... L=Fabty-Perot cavity length, PD= phobdioda ... is based on an extrinsic **Fabry - Perst** interferometer (EFPI-A ... coupled to the reflector **fiber ferrule** for transferring ...
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WAVELENGTH TUNING IN PHOTO-PUMPED 1.3 pm FIBER FABRY-PEROT SURFACE EMITTING LASERS

K Hsu, CM Miller, D Babic, D Houng, A Taylor - ieeexplore.ieee.org
 ... and a suspended deformable- **membrane** mirroa, respectively ... configuration forms the **fiber Fabry-Perot** surface- emitting ... are bonded onto metal **ferrule** sub- mounts ...
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Fiber Optic Microphone

YC Cho, T George - 1999., 1999 - csa.com
 ... technique employed was **fiber** optic **Fabry-Perot** interferometry. ... **fiber** terminated in a miniature **ferrule** with a ... micron thick silicon nitride **membrane** whose inner ...
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Acoustic Measurements Using a Fiber Optic Sensor System.

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L4	312059	membrane	US-PGPUB; USPAT	ADJ	ON	2006/01/31 10:47
L5	9231	Fabry perot or fabry-perot	US-PGPUB; USPAT	ADJ	ON	2006/01/31 10:52
L6	18	1 and 2 and 3 and 4 and 5	US-PGPUB; USPAT	ADJ	ON	2006/01/31 10:49
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L8	221872	interfer\$	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/01/31 10:52
L9	770842	fiber or fibre	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/01/31 10:52
L10	15638	ferrule	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/01/31 10:52
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L13	0	8 and 9 and 10 and 11 and 12	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/01/31 10:53

L20	2	15 and 16 and 17 and 18 and 19	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/01/31 08:38
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